

12th Annual San Antonio Trauma Symposium

September 19-21, 2006
Henry B. Gonzalez Convention Center
San Antonio, Texas



Sponsored by
The Trauma Institute of San Antonio Texas
and the
U.S. Navy



The Trauma Institute of San Antonio Texas
TRISAT
Comprehensive care • Integrated research • Innovative teaching
Joining forces to enhance preparedness

► SYMPOSIUM DIRECTORS

- *COL Brian Eastridge, MD*
Brooke Army Medical Center
- *COL John B. Holcomb, MD*
US Army Institute of Surgical Research
- *LTC Alan Murdock, MD*
Wilford Hall Medical Center
- *CDR Joseph Rappold, MD*
Naval Medical Center
- *Ronald Stewart, MD*
The University of Texas Health Science Center



▶ ABOUT THE TRAUMA SYMPOSIUM

This year's symposium is a joint effort between The Trauma Institute of San Antonio, Texas (TRISAT) and the US Navy. TRISAT is a civilian/military collaborative effort joining forces to enhance preparedness through comprehensive care, integrated research, and innovative teaching. TRISAT includes the US Army Institute of Surgical Research, Brooke Army Medical Center, University Health System, University of Texas Health Science Center at San Antonio, and Wilford Hall Medical Center.

▶ SYMPOSIUM OBJECTIVES

At the symposium's conclusion, attendees will be able to:

- Discuss advances in trauma care in their area of practice
- Identify key variables related to their practice
- Apply the information gained to their practice

▶ INTENDED AUDIENCE

- Pre-hospital care personnel
- Emergency and trauma service personnel
- Personnel in the surgical specialties
- Anesthesia and Radiology personnel

No special prerequisites are required to attend this activity.

▶ ACCREDITATION

Continuing Medical Education

The office of the Surgeon General, United States Air Force, designates this educational activity for a maximum of 15 hours in AMA PRA Category 1 credit(s)TM. Each physician should claim only those hours of credit he/she actually spent in the educational activity.

This activity has been jointly planned and implemented in accordance with the Essential Areas and ancillary policies of the Accreditation Council for Continuing Medical Education (ACCME) by the Office of the Surgeon General, United States Air Force and the Lackland AFB/859th. The Office of the Surgeon General, United States Air Force is accredited by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality and scientific integrity of this program.

Continuing Nursing Education

University Health System, is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This activity meets Type I criteria for mandatory continuing education requirements toward relicensure as established by the Board of Nurse Examiners for the State of Texas. University Health System provides up to 18 contact hours for completion of this educational activity.

▶ ACKNOWLEDGEMENT

The Trauma Institute of San Antonio, Texas (TRISAT) and the US Navy gratefully acknowledge the unrestricted educational grants through the Henry M. Jackson Foundation. A list of commercial supporters will be made available at the symposium.

► PLENARY & BREAKOUT SESSIONS

Tuesday, September 19, 2006

8:05–8:30 a.m.

Opening Ceremony:

Color Guard and San Antonio Pipes and Drums

Welcome Remarks:

William Henrich, MD, Dean, Medical School, UTHSCSA

8:30–9:30 a.m.

Plenary Session, Ballroom A

COL John B. Holcomb, MD, FACS, Trauma Consultant for the Army Surgeon General Commander, US Army Institute of Surgical Research

10:00 a.m.–4:00 p.m.

Concurrent Breakout Sessions

Physical Medicine and Rehabilitation

Co-Moderators: LTC Jennifer Menetrez, MD, MC, USA and John King, MD, UTHSCSA

I 10:00–10:45 a.m.

Update in Lower Extremity Prosthesis

John Fergason, CPO, BAMC

10:45–11:30 a.m.

Neuropathic Pain Management

John King, MD, UTHSCSA

II 12:30–1:30 p.m.

Scar and Contracture Management

CAPT Ted Chapman, OTR/L, Fort Hood

III 1:30–2:30 p.m.

Acute Spinal Cord Injury Management

Mark Fredrickson, MD, UTHSCSA

IV 3:00–4:00 p.m.

Acute Brain Injury Survivor's Management

Amy Bowles, MD, UTHSCSA

Pre-Hospital Care

Moderator: LTC Robert Gerhardt, MD, FACEP, BAMC

I 10:00–11:00 a.m.

Recognition and Field Treatment of Blast Injuries and New Technology to Mitigate them

LCDR Timothy A. Coakley, MD, FAAEM, NMC Portsmouth

II 12:30–1:30 p.m.

Impact of Emergency Medicine Specialists in Tactical Pre-Hospital and En Route Care—What does the Available Data Say?

LTC Robert Gerhardt, MD, FACEP, BAMC

III 1:30–2:30 p.m.

“Just in Time” Pre-Deployment Combat Medical Training for Deploying Healthcare Providers: Experience Thus Far

LTC John McManus, MD, FACEP, ISR and MAJ James Rice, AMEDD C/S

IV 3:00–4:00 p.m.

Optional Use of Ultrasound in Far Forward Areas

LCDR Timothy A. Coakley, MD, FAAEM, NMC Portsmouth

OIF/OEF

Moderator: LTC Stephen Flaherty, MD,
MNCI Surgeons Director, Joint Theatre

I 10:00–11:00 a.m.

Overview, Joint Theater Trauma System

LTC Stephen Flaherty, MD, MNCI Surgeons Director,
Joint Theatre and

The Army-Navy Game—It Really Does Work

CDR Joseph Rappold, MD, MC, USN, NMC, San Diego

II 12:30–1:30 p.m.

The Experience at an AFTH Evacuation Hub

LTC Alan Murdock, MD, WHMC and

Patient Movement in OIF/OEF

LTC Tami Rougeau, USAFR, NC, SFN

III 1:30–2:30 p.m.

The Employment of FSTs in OEF

MAJ Jennifer Gurney-Weber, US Army and

Ocular Trauma in OIF/OEF, Management Considerations

LTC Anthony Johnson, Ophthalmology, BAMC

IV 3:00–4:00 p.m.

UXO: Not all Surprises are Pleasing

MAJ John Oh, MD, MC, Darnall Army Medical Center and

Thermal Injuries in OIF/OEF

LTC Evan Renz, MD, USAISR Burn Center

Trauma Surgery

Moderator: Stephen Cohn, MD, Chairman, Surgery, UTHSCSA

Panel Members: J. David Richardson, MD, Professor and Vice
Chairman, Surgery, University of Louisville and William P.
Schechter, MD, Professor of Clinical Surgery, University of
California, San Francisco

I 10:00–11:00 a.m.

Session A

Aortic Tear: Early Operation /Stent vs. Observation

V. Sreenath Reddy, MD, UTHSCSA

vs Scott Johnson, MD, UTHSCSA

Session B

Splenic Injury: Angio vs Operation

Daniel Dent, MD, UTHSCSA

vs David Root, MD, UTHSCSA

II 12:30–1:30 p.m.

Session A

Do We Need to do US? Why not just CT?

John Myers, MD, UTHSCSA

vs COL John Holcomb, MD, Commander, USAISR

Session B

Temporary Abdominal Closure: VAC vs Standard Treatment

Michael Corneille, MD, UTHSCSA

vs LTC Alan Murdock, MD, WHMC

III 1:30–2:30 p.m.

Session A

Unstable Pelvic Fractures: Angio vs Butt Binders

Peter Lopez, MD, UTHSCSA

vs COL Brian Eastridge, MD, MC, US Army

Session B

C-Spine Clearance in the Comatose: MRI vs CT Alone

Ronald Stewart, MD, UTHSCSA

vs COL Toney Baskin, MD, BAMC

IV 3:00–4:00 p.m.

Panel—Trauma ICU Jeopardy (case based); TF Placement, post pyloric or gastric?; NIPPV for early extubation? LMH plus boots needed? IVC filters in which patients?; Who and When to Trach? Ethics of Waiver of Consent for Emergency Research

Urology

Moderator: COL Allen Morey, MD, BAMC

I 10:00–11:00 a.m.

Management of Traumatic Urethral Strictures

COL Allen Morey, MD, BAMC

II 12:30–1:30 p.m.

Case Studies in GU Trauma

Steven B. Brandes, MD, Washington University, St. Louis, MO

III 1:30–2:30 p.m.

Upper Urinary Tract Trauma—Current Controversies and Treatment Techniques

LTC Javier Hernandez, MD, MS, USA, MC, BAMC and

The Current Spectrum of Battlefield Urologic Injuries LTC

Douglas W. Soderdahl, MD, MC, BAMC

IV 3:00–4:00 p.m.

Complications of Minimally Invasive Urologic Surgery

Robert Marcovich, MD, UTHSCSA

Trauma System/Prevention

Co-Moderators: CDR James R. Dunne, MD, National Naval Medical Center, Bethesda, and Ronald Stewart, MD, Chief of Trauma, Surgery, UTHSCSA

I 10:00–11:00 a.m.

Alcohol and Injury: Compliance with the New COT Requirements

Larry Gentilello, MD, UTSW, Dallas

II 12:30–1:30 p.m.

The Importance of Injury Prevention in a Modern Trauma System

Ronald Stewart, MD, UTHSCSA

III 1:30–2:30 p.m.

TBD

Amy Sisley, MD, MPH, FACS, University of Maryland Medical Center, Baltimore, MD

IV 3:00–4:00 p.m.

Trauma Systems and Access to Emergency Medical Care

David Ciesla, MD, Washington Hospital Center, Washington, DC

Critical Care

Co-Moderators: LTC Alan Murdock, MD, WHMC, and
CAPT Philip Perdue, MC, USN

I 10:00–11:00 a.m.

Infection Management in War-Related Trauma

LCDR Timothy J. Whitman, MC, USN

II 12:30–1:30 p.m.

The Immune Response and Trauma: Strategies for Success

CDR Eric Elster, MC, USN

III 1:30–2:30 p.m.

Use of Vasopressin in Hemorrhagic Shock

Stephen Cohn, MD, UTHSCSA and

Understanding Nutrition in Injured Patients

Steve Wolf, MD, UTHSCSA

IV 3:00–4:00 p.m.

Traumatic ARDS

Stephen Derdak, MD, WHMC



Wednesday, September 20, 2006

8:05–8:30 a.m.

Welcome Remarks

BG James Gilman, Commander, Brooke Army Medical Center

8:30–9:30 a.m.

Plenary Session, Ballroom A

Basil Pruitt, MD, Professor of Surgery, Division of Trauma, UTHSCSA

10:00 a.m.–4:00 p.m.

Concurrent Breakout Sessions

Orthopedic Surgery

Co-Moderators: COL Roman Hayda, MD, BAMC; LTC H. Michael Frisch, MD, Walter Reed Army Medical Center, and COL Mark Richardson, MD, WHMC

I 10:00–11:00 a.m.

Post-Traumatic Osteomyelitis

Bruce Ziran, MD, St. Elizabeth Health Center, Youngstown, OH

II 12:30–1:30 p.m.

Proximal Humerus Fractures

Bryan T. Kelly, MD, Weill Medical College of Cornell University, NY

III 1:30–2:30 p.m.

Advances in Ring Fixators for Trauma

J. Tracy Watson, MD, Saint Louis University, St. Louis, MO

IV 3:00–4:00 p.m.

Geriatric Fractures

Jens Chapman, MD, Harborview Medical Center, Seattle, WA

Pre-Hospital Care

Moderator: LTC Robert Gerhardt, MD, FACEP, BAMC

I 10:00–11:00 a.m.

Civil Sector Tactical EMS—Scope of Practice, Ongoing Missions, and Potential Lessons-Learned for Combat Application
TBD, UTSW, Dallas

II/III 12:30–2:30 p.m.

Panel—Consensus Conference: Pre-Hospital Combat Health Support 2010: What Should our Azimuth Be?

LTC Bruce Adams, MD, FACEP, BAMC; LCDR Timothy A. Coakley, MD, FAAEM, NMC Portsmouth; LTC Rob DeLorenzo, MD, FACEP, BAMC; LTC Robert Gerhardt, MD, FACEP, BAMC; MAJ Leonard Gruppo, EMPA-C, BAMC; MAJ Donald Crawford, DO, FACEP, BAMC; Kathy Rinnert, MD, MPH, UTSW, Dallas

IV 3:00–4:00 p.m.

New Developments in Civil Air Medical Transport and Translational Concepts for Tactical MEDEVAC

Kathy Rinnert, MD, MPH, UTSW, Dallas

Burn

Co-Moderators: Steve Wolf, MD, UTHSCSA and COL Lee Cancio, USAISR

I 10:00–11:00 a.m.

Modern Burn Care

Steve Wolf, MD, UTHSCSA and

Burn Disasters

COL David Barillo, USAISR

II/III 12:30–2:30 p.m.

Recent Advances in the Understanding of Wound Healing following Thermal Injury

Edward Tredget, MD University of Alberta, Canada

Microbial Drug Resistance—Some New Thoughts about an Old Problem

Richard Gamelli, MD, Loyola University Medical Center, Maywood, IL

Burn Care in Iraq

COL Lee Cancio, USAISR

IV 3:00–4:00 p.m.

Advances in Resuscitation

George Kramer, PhD, UTMB, Galveston, TX

Infections in Burns

MAJ Clinton Murray, BAMC

Aeromedical Evacuation of Burn Patients from Iraq

LTC Evan Renz, MD, USAISR Burn Center

Trauma Nursing

Moderator: Jeni Wilson, MSN, RN, APRN,
Trauma Surgery, UTHSCSA

I 10:00–11:00 a.m.

TBD

TBD

II 12:30–1:30 p.m.

The Role of the Advanced Practice Nurse within the Continuum of Trauma Care

Jeni Wilson, MSN, RN, UTHSCSA

III 1:30–2:30 p.m.

Forensics in the Hospital Setting: What Everyone Who Touches the Patient Needs to Know

Evangeline Barefoot, RN, BSN, Johns Community Hospital, Taylor, TX

IV 3:00–4:00 p.m.

Pitfalls in Traumatic Resuscitation

Greg Goodwiler, PA-C, UTHSCSA

Pediatrics

Moderator: COL Kenneth Azarow, MD, FACS, MC,
Madigan Army Medical Center

I 10:00–11:00 a.m.

Pediatric ICU Management During Combat

MAJ Philip C. Spinella, MD, WHMC

II 12:30–1:30 p.m.

Hemodynamic Monitoring in Children with a Focus on Non-Invasive Monitoring

LTC Matthew Martin, MD, Madigan Army Medical Center

III 1:30–2:30 p.m.

Damage Control Surgery in Children

Richard Pearl, MD, Pediatric Surgery Center, Peoria, IL

IV 3:00–4:00 p.m.

Not Just for Adults: An Experience in Wartime Surgery in Iraq

MAJ Christopher Coppola, MD, WHMC

Craniofacial

Co-Moderators: COL Joseph Brennan, MD, Program Director, Otolaryngology/Head and Neck Surgery, WHMC; and MAJ Manuel A. Lopez, MD, Chief, Facial Plastic and Reconstructive Surgery, WHMC

I 10:00–11:00 a.m.

Reconstruction of the Traumatically Injured Anterior Cranial Vault: A Review and Technique Description
LTC David B. Powers, DMD, MD, WHMC

II 12:30–1:30 p.m.

Materials Used for Orbital Reconstruction

Mark Wong DDS, University of Texas Dental Branch, Houston, TX

III 1:30–2:30 p.m.

Gunshot Wounds to the Face

James Johnson, DDS, MS, UT Health Science Center, Houston, TX

IV 3:00–4:00 p.m.

Panel Moderator: MAJ Manuel A. Lopez, MD, Chief, Facial Plastic and Reconstructive Surgery, WH

Panel members: LTC David B. Powers, DMD, MD, WHMC; Mark Wong DDS, University of Texas Dental Branch, Houston, TX; and James Johnson, DDS, MS, UT Health Science Center, Houston, TX

Disaster Medicine

Moderator: Rasa Silenas, MD, Medical Director, Office of Homeland Security, TAMUS Health Science Center, Brooks City Base, TX

I 10:00–11:00 a.m.

NDLSF Building a Foundation Healthcare Disaster Preparedness: Local Response, Global Preparedness!
Raymond Swienton, MD, UTSW, Dallas

II 12:30–1:30 p.m.

Regionalization of Medical Disaster Preparedness

Eric Epley, Executive Director, Southwest Texas Regional Advisory Council for Trauma, San Antonio, TX

III 1:30–2:30 p.m.

Mobile Medical Unit's Response to Katrina

Holli Hoffman, RN, MSN, NC Office of Emergency Medical Services, Raleigh, NC

IV 3:00–4:00 p.m.

Pandemic Influenza: What does it mean to us?

Jan Patterson, MD, Infectious Disease, Medicine, UTHSCSA

Thursday, September 21, 2006

8:05–8:30 a.m.

Welcome Remarks

COL Miguel Montalvo, USAF, MC, FS, MPH,
Command Surgeon

8:30–9:30 a.m.

Plenary Session, Ballroom A

Jorie Klein, RN, Director, Emergency and Trauma Services,
Parkland Memorial Hospital, Dallas, TX

10:00 a.m.–4:00 p.m.

Concurrent Breakout Sessions

Trauma Surgery

Moderator: Brian Eastridge, MD, COL, MC, US Army

I 10:00–11:00 a.m.

CCATT – Then, Now, and What's Next?

Jay Johannigman, MD, FACS, VCCM, COL, USAFR MC FS

II 12:30–1:30 p.m.

Damage Control Resuscitation

COL John Holcomb, MD, Commander, USAISR

III 1:30–2:30 p.m.

Things that go Boom: Injuries from Explosives

Brian Eastridge, MD, COL, MC, US Army

IV 3:00–4:00 p.m.

Mass Casualty in Combat: Lessons Learned

Alec C. Beekley, MD, FACS, MAJ, USAMC

Orthopedic Surgery

Co-Moderators: COL Roman Hayda, MD, BAMC; LTC H.

Michael Frisch, MD, Walter Reed Army Medical Center,
and COL Mark Richardson, WHMC

I 10:00–11:00 a.m.

Improving Results in Posterior Wall Acetabular Fracture Surgery

Berton R. Moed, MD, St. Louis University School of
Medicine, St Louis, MO

II and III 12:30–2:30 p.m.

MILITARY SESSION From Iraq – Back to Iraq: Modern Combat
Orthopedic Care

• *Introduction to War Surgery*

COL Roman Hayda, MD, BAMC

• *Battlefield Care*

LCDR MT Mazurek, MC, USN, NMC, San Diego

• *Casualty Evacuation: Transport of the Severely Injured*

COL Mark Richardson, WH

• *Reconstruction of Complex Injuries: Success and Challenges*

LTC Romney Andersen, MC, USN, National Naval
Medical Center

• *Amputee Care: Current Concepts*

LTC H. Michael Frisch, MD, Walter Reed Army
Medical Center

• *Future Directions in the Care of the War Injured*

COL James Ficke, BAMC

IV 3:00–4:00 p.m.

Extremity War Injury Challenges: Case Presentations and Panel Discussion

LTC H. Michael Frisch, MD, Walter Reed Army Medical Center

Trauma Nursing

Moderator: MAJ Linda Lapointe, RN, MS, Nurse Clinician, Directorate of Combat and Doctrine Development

I 10:00–11:00 a.m.

Exemption of Informed Consent (Final Rule) Procedures for Critical Trauma Studies

Nancy C. Molter, RN, MN, PhD, BAMC

II/III 12:30–2:30 p.m.

Perioperative Considerations in Trauma Patients

LTC Patricia Fortner, US Army Trauma Training Center, UM/JMH Ryder Trauma Center, Miami, FL

IV 3:00–4:00 p.m.

Pre-Hospital Management of Thoracic Trauma (Blunt and Penetrating)

Shawn Salter, RN, NREMT-P, FPC, Chief Flight Nurse, San Antonio AirLife

Neurosurgery

Moderator: Gerald Grant, LTC, USAF, WHMC

I 10:00–11:00 a.m.

Update on Head Trauma: A Civilian Perspective

Roman Hlatky, MD, Neurosurgery, UTHSCSA

II 12:30–1:30 p.m.

Neurointensive Management: Acute Care Issues

COL Geoffrey Ling, DARPA/DSO, Arlington, VA

III 1:30–2:30 p.m.

Lessons from the Neurosurgical Theater: Cranial and Spinal Trauma

Brett A. Schlifka, DO, MAJ, MC, FS, Madigan Army Medical Center

IV 3:00–4:00 p.m.

TBI Issues and Rehabilitation: Long-Term Care Issues

LTC Jamie Grimes, BAMC

Craniofacial

Co-Moderators: COL Joseph Brennan, MD, Program Director, Otolaryngology/Head and Neck Surgery, WHMC; and MAJ Manuel A. Lopez, MD, Chief, Facial Plastic and Reconstructive Surgery, WHMC

I 10:00–11:00 a.m.

Management of America Soldiers with Facial Fractures

MAJ Manuel A. Lopez, MD, WHMC

II 12:30–1:30 p.m.

TBD

Jonathan Sykes, MD, UC Davis Medical Center, Sacramento, CA

III 1:30–2:30 p.m.

Frontal Sinus Fractures

Paul J. Donald, MD, FRCS, UC Davis Medical Center, Sacramento, CA

IV 3:00–4:00 p.m.

Experience of First Deployed ENT Team in Operation Iraqi Freedom

COL Joseph Brennan, MD, WHMC

Anesthesiology

Moderator: LTC Kurt W. Grathwohl, MD, FS, FCCP, MC, USA, BAMC

I 10:00–11:00 a.m.

Monitoring Trauma Patients

Michael J. Murray, MD, PhD, Mayo Clinic

II 12:30–1:30 p.m.

Newer Methods of Hemodynamic Monitoring

Gary Welch, MD, BAMC

III 1:30–2:30 p.m.

Obstetric Trauma

Thomas Archer, MD, Anesthesiology, UTHSCSA

IV 3:00–4:00 p.m.

Use of the Supraglottic Airways in the OR and in Trauma

David Ferson, MD, Anesthesiology, MD Anderson Cancer Center, Houston, TX



► Registration Information

Register online with your VISA, MasterCard, or American Express card at <http://www.hjf.org/events>. Onsite registration will be available (at an increased registration fee)

► Conference fees

On-line registration costs (up until September 15, 2006):

Active duty DoD Personnel – \$75

Reservists on Active Duty – \$75

DoD Contract full-time/Civil Service – \$75

Health Professions Students & Residents – \$75

Non-DoD Personnel – \$200

On site registration costs (after September 15, 2006):

Active duty DoD Personnel – \$100

Reservists on Active Duty - \$100

DoD Contract full-time/Civil Service - \$100

Health Professions Students & Residents - \$100

Non-DoD Personnel - \$250

Remote Site Registration

LIVE SATELLITE BROADCAST – register online at <http://www.hjf.org/events/traumasat.html>

► Meals

Continental breakfast, a mid-morning coffee break, and an afternoon refreshment break are included in the conference fees.

► Hotel Reservations

The conference hotel is the Menger Hotel located at 204 Alamo Plaza (210) 223-4361 or Toll-Free: (800) 345-9285 <http://mengerhotel.com>. Please request the group rate for the San Antonio Trauma Meeting. The conference rate is \$96 for a single, \$106 for a double. The deadline for the special rate is August 18th.



► Save the Date

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